

InstaLay 30 (Plain and Peel & Stick Products)

TECHNICAL SPECIFICATION

High Performance, Environmentally Friendly, Rubber Crumb Underlays

Suitable for both domestic and contract applications
 Rating: HC/U – Heavy Contract Use, suitable for heavy foot and wheel traffic and castor chairs
 Manufactured using recycled rubber crumb
 Guaranteed for 10 Years
 Roll Size: 3mm - 1.0m x 15.0m (15.0m² / roll) / 3ft 3in x 49ft 2in (161.4ft² / roll)

| <u>Specification</u> | <u>BS Requirements</u> | <u>Result</u> | <u>Test Method</u> |
|--|--|---|---------------------------------------|
| Nominal Weight Density Nominal Roll Weight | | 1.33 kg/m ² 443 kg/m ³ 20 kg | |
| Colour and Appearance Compound Bonding Agent | | Black rubber crumb on a non-woven polypropylene backing Recycled tyre tread (minimum 80%) Synthetic Latex | |
| Breaking Strength and Elongation Breaking Strength – Direction 1 Breaking Strength - Direction 2 Elongation – Direction 1 Elongation – Direction 2 Elongation at Break – Direction 1 Elongation at Break – Direction 2 | Minimum 40N 10% Maximum extension for applied force of 40N | 172.7N 168.6N 1.718% 1.900% 41.40% 45.89% | BS 5808 BS 5808 BS 5808 |
| Loss in Thickness a) Static loading: recovery period 24hrs b) Dynamic loading: after 1000 impacts | Maximum 15% Maximum 15% | 2.90% 7.00% | BS 4939 BS 4052 |
| Nominal Thickness Thickness Deviation a) Mean original thickness from the nominal thickness b) Difference between maximum and minimum original thickness | Maximum 12% Maximum 3mm | 3.2mm 9.4% 0.8mm | BS 4051 BS 4051 |
| Compression after Dynamic Loading Work of Compression after Dynamic Loading | Minimum 2mm, Maximum 7mm Minimum 50J/m ² , Maximum 200J/m ² | 1.0mm 35J/m ² | BS 4098 BS 4098 |

| | | | |
|--------------------------------------|-------------|------------------------|-------------|
| Product Codes: IL30, IL30lg & IL30hg | Version: 11 | Version Date: 24/09/13 | Page 1 of 2 |
|--------------------------------------|-------------|------------------------|-------------|

InstaLay 30 (Plain and Peel & Stick Products)

TECHNICAL SPECIFICATION

High Performance, Environmentally Friendly, Rubber Crumb Underlays

Suitable for both domestic and contract applications
 Rating: HC/U – Heavy Contract Use, suitable for heavy foot and wheel traffic and castor chairs
 Manufactured using recycled rubber crumb
 Guaranteed for 10 Years
 Roll Size: 3mm - 1.0m x 15.0m (15.0m² / roll) / 3ft 3in x 49ft 2in (161.4ft² / roll)

| <u>Specification</u> | <u>BS Requirements</u> | <u>Result</u> | <u>Test Method</u> |
|---|----------------------------|-----------------------------|---|
| Retention of Original Work of Compression | Minimum 40% | 112.3% | BS 4098 |
| Resistance to Breaking or Cracking | No cracks longer than 50mm | No cracks visible | BS 5808 |
| Odour | | No objectionable odour | |
| Thermal Resistance (R) | | 0.60 Togs | BS 4745 |
| Acoustic Performance | | | |
| Measured Improvement of Impact Sound (ΔL_w) | | 23dB ΔL_w | BS EN ISO 140-8: 1998 & BS EN ISO 717-2: 1997 |
| Impact Insulation Class (IIC) | | IIC 55 | ASTM – E492-09, E989-06 & E2179-03 |
| Reaction to Fire Test performed on IL30hg with LVT | | Class C _{FL-S} 1 | BS EN ISO 9329-1:2002 |
| Volatile Organic Compound (VOC) Emission Rate Test performed on IL30hg | | 0.029 mg/m ² /hr | ASTM D5116-97 |

Please Note:

- InstaLay Peel & Stick products must not be installed at temperatures below 10°C.
- For further information on the guarantee and product warranty, please refer to the InstaLay guarantee document which is available from the www.instafl oor.co.uk website.